MEX-BT5700U

MEX-BT5700U Bluetooth® CD Receiver

- The MEX-BT5700U features Bluetooth®[6] hands-free with an integrated microphone or through an included external microphone, as well as audio streaming functionality using your compatible Bluetooth music device.
- The MEX-BT5700U supports a wide variety of Bluetooth profiles, including PBAP (Phone Book Access Profile), so you can get the most from your Bluetooth-enabled devices.
- USB[5] 1-Wire lets you directly connect, charge, and control your digital music player via the USB jack in the front of the unit, as well as view metadata like song title and artist on the front display
- An enhanced display gives you and your passengers up to four lines of music and phone call data on a bright, full-motion fluorescent display, while the flip-down faceplate keeps your CDs and stereo secure.
- Quick-BrowZer® lets you search and select songs by category, including artist, album, genre, or playlist.
- Jump Mode gets you closer to the song you want by allowing you to fast forward through a music category in 10 percent increments.
- With Zappin™ , you can play music in six-, nine-, or 30-second clips until you find the song you're looking for.
- Passenger Control lets your co-pilot control your iPod®[2] via a connected wire, and as they scan through your music, artist and album information is conveniently shown on the receiver display.
- Multiformat playback lets you play CDs, CD-Rs, or CD-RWs loaded with hundreds of MP3, WMA, or AAC songs[1] .
- Hear the music on your recorded CDs and MP3s in their original vibrancy with DM+ (Digital Music Plus), an original Sony® codec enhancer that reproduces detailed and high-frequency sound from compressed audio.
- The MEX-BT5700U integrates seamlessly with either satellite radio Sony® Bus adaptors (sold separately) so you can receive digital satellite radio broadcasts[3] .
- HD Radio® capability lets you receive digital audio broadcasts when used with an optional HD Radio tuner[4] .
- Turn up the juice with 4-volt front, rear, and subwoofer preouts for louder, clearer sound. The 4-volt preamp outputs let you add amplifiers and other components, while improving the system's dynamic range, reducing system noise, and providing powerful volume.
- Built-in LPF/HPF (Low Pass Filter/High Pass Filter) functionality gives you the power to customize the sound outputted to your external amplifiers and other custom components.
- The included Wireless Card Remote lets you control the basic functions of your Sony Xplod® system while keeping your eyes on the road.

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Features

- Bluetooth®[6] hands-free with integrated microphone The MEX-BT5700U features Bluetooth®[6] hands-free with an integrated microphone or through an included external microphone, as well as audio streaming functionality using your compatible Bluetooth music device.
- HFP, A2DP, PBAP, and AVRCP 1.3 profile support The MEX-BT5700U supports a wide variety of Bluetooth®[6] profiles, including PBAP (Phone Book Access Profile), so you can get the most from your Bluetooth®-enabled devices.
- USB[5] 1-Wire for iPod®[2] and other USB devices USB[5] 1-Wire lets you directly connect, charge, and control your digital music player via the USB jack in the front of the unit, as well as view metadata like song title and artist on the front display
- Flip-down, full-motion, fluorescent, four-line display An enhanced display gives you and your passengers up to four lines of music and phone call data on a bright, full-motion fluorescent display, while the flip-down faceplate keeps your CDs and stereo secure.
- Quick-BrowZer® with Jump Mode and Zappin™ technology Quick-BrowZer® lets you search and select songs by category, including artist, album, genre, or playlist.
  Jump Mode gets you closer to the song you want by allowing you to fast forward through a music category in 10 percent increments.
  With Zappin™ , you can play music in six-, nine-, or 30-second clips until you find the song you're looking for.

ADDITIONAL FEATURES

- Passenger Control
- MP3/WMA/AAC playback[1] with DM+
- Satellite radio[3] / HD Radio®[4] Ready
- EQ3 Stage 2 and 52W x 4 high power
- 4V front, rear, and subwoofer preouts with LPF/HPF
- Front auxiliary input
- Wireless Card Remote included (RM-X306)

Specifications

Convenience Features

CD Text Display: CD/MP3/WMA data displayed
On-Screen Clock: 12H
Dimmer Adjust: Manual - on/off
Key Illumination: Blue

General

Disc Capacity: 1
Color: Black and Chrome

Audio

Preout Impedance: 220 ohms
Preout Voltage: 4 volt
S/N Ratio: CEA2006 S/N 82 dB
Frequency Response: 10-20,000Hz
Wow and Flutter: Below Measurable Limit
Station Preset(s): FM18/AM12
Digital-to-Analog Converter: 24bit
Tuner Frequency Range: FM:Tuner Frequency Range(MHz): 87.5-107.9, MW:Tuner Frequency Range(kHz): 530-1710
Tuner Type: SSIR-EXA
Volume Control: Tel/Nav Attenuation Circuitry
Band: AM / FM
Signal-to-Noise Ratio (dB): CD: 120dB
Format(s) Supported: CD, CD-R / CD-RW (MP3/WMA/AAC files)[1]

Equalizer: EQ3: 3 band EQ

Low +/- 10 dB at 60 Hz

Mid +/- 10 dB at 1 kHz

High +/- 10dB at 10 kHz

Convenience

Tilt Range: 0-45° mounting angle

Display

Text Displayed: Source, artist, track, playback time, menu, clock and Bluetooth® data

Text Lines: 2 lines of information

Amplifier Section

Speaker Impedance: 4-8 Ohms
Max power output: 52 watts x 4 at 4 ohms

Tuner

FM Usable Sensitivity: 10 dBf
Selectivity: 40 dB at 1 kHz
S/N Ratio: 70 dB
Frequency Response: 20 - 15,000 Hz
Stereo Separation: 40 dB at 1 kHz

Power

Output Power: 52W x 4 High Power - 17 watts per channel minimum continuous average power into 4 Ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 5% total harmonic distortion.
Current Drain: 3 - 5 amps
Input Voltage: 12 V DC car battery (negative ground)

Inputs and Outputs

RCA Audio Output(s): Front, Rear and Sub RCA pre-amp outputs
Digital Audio Input(s): - Ability to use all forms of USB devices may vary as not all devices are compatible.

This unit can be connected to the following iPods. Update your iPod to the latest software before you use it.
-iPod Nano 1st generation*
-iPod Nano 2nd generation (aluminum)
-iPod Nano 3rd generation (video)
-iPod 5th generation (video)*
-iPod Classic
-iPod Touch
-iPhone

* When you connect iPod Nano1st generation or iPod 5th generation, Passenger Control is not available.

-This unit is compliant with MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices compliant with the USB standard.
-This unit cannot recognize USB devices via a USB hub.

If you have any questions or problems concerning your unit that are not covered in this manual, consult your nearest Sony dealer.
USB Port(s): USB Full-Speed
Antenna Terminal(s): AM/FM Antenna Input Terminal
12V Trigger Output(s):
Power antenna

Amplifier turn on
Remote Jack: Optional Wired Remote input
Audio In:
Front Aux with variable level: -8dB ~ +18dB

Front USB input

Sony Bus terminals
Infrared Port: Remote Controller Input Terminal

Dimensions

Weight: 1.2 kg (2 lb. 11 oz.)
Measurements: 178 x 50 x 179mm

Wireless Connectivity

Compatible Bluetooth® Profiles: A2DP (Advanced Audio Distribution Profile)
AVRCP (Audio Video Remote Control Profile) 1.3
HFP (Handsfree Profile) 1.5
HSP (Headset Profile)
OPP (Object Push Profile)
Frequency Band: 2.4 GHz band (2.400 - 2.4835 GHz)
Maximum Range: Line of sight approx. 10M (33ft)
Modulation Method: FHSS
Output: Bluetooth Standard Power Class2 (Max. +4 dBm)
Wireless Connectivity: Bluetooth Standard version 2.0 + EDR

Supplied Accessories

Parts for installation and connections (1 set)

RM-X306 wireless remote

Optional Accessories

CD changer (10 discs): CDX-M757MX
CD changer (6 discs): CDX-T69
Source selector: XA-C40
Aux-in selector: XA-300
USB Connection Cable for iPod®: RC-100IP
HD Radio® tuner: XT-100HD
External Microphone: XA-MC10

Color: Black and Chrome
UPC Code: 027242744875

1. Not all MP3, WMA, AAC files may playback due to file variations. Copyright protected ACC-LC files cannot be played back.
2. Ability to use all generations of iPod products may vary as not all products are compatible.
3. Satellite radio service requires a satellite radio tuner and service subscription, sold separately.
4. HD Radio® capability requires an optional HD Radio tuner (XT-100HD).
5. Ability to use all forms of USB devices may vary as not all devices are compatible.
6. Ability to use Bluetooth® enabled product with other devices may vary as not all Bluetooth devices are compatible.

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